

III. *An Observation of the Eclipse of the Moon, by Arthur Dobs, Esq; at Castle-Dobbs near Carrickfergus in Ireland, Feb. the 2d, 1728-9; communicated by Oliver St. John, Esq; F.R.S.*

Castle-Dobbs, Feb. the 8th, 1728-9.

Dear S I R,

HAVING had a fine Observation of the Eclipse of the Moon which happened last *Sunday* Evening, I have sent you it to communicate to the *Royal Society*, to ascertain our Longitude here, and in other Places where it was observed.

The Observation was made by a nine Foot Glafs. Having adjusted a monthly Pendulum Clock by a Meridian Line on the 30th of *Jan.* and further corrected by the Meridian, *Feb.* the 6th 1728-9.

Hours apparent Time.

	h	'	"	
p. m.	6	27	0	- - Penumbra observed.
		29	30	- - Moon's Limb immersed.
		33	0	- - { Eastern Limit of Palus
				- - } Mareotis immersed.
		35	50	- - Mons Climan. immersed.
		42	40	- - Mons Porphyrites immersed.
		50	0	- - Infula Melis immersed.
		52	40	- - Mons Ætna immersed.
		54	20	- - Inf. Sardinia immersed.
		56	20	- - Inf. Rhodes immersed.
		58	0	- - Inf. Corfica immersed.
				^h 7 - 0'

Hours apparent Time.

	h	'	"	
p. m.	7	0	30	- - } Mons Sinai's, Eastern Limit immersed.
	2	0	- -	- - } Mons Sinai totally immersed.
	6	50	- -	- - } Inf. Besbicus, Eastern Limit immersed.
	11	50	- -	- - } Mons Herminius immersed.
	13	50	- -	- - } Promontory Archeroulia im.
	22	0	- -	- - } Mare Caspium, Eastern Limit immersed.
	24	20	- -	- - } Palus Mæotis, Eastern Limit immersed.
	27	30	- -	- - } Palus Mæotis, totally immerg.
	30	15	- -	- - } Moon totally immersed.
9	8	30	- -	- - } Moon's Eastern Limb emer- ged near Mons Acabe.
	13	0	- -	- - } Palus Mareotis emerged.
	15	0	- -	- - } Mons Climian. emerged.
	23	30	- -	- - } Mons Porphyrites emerged.
	29	10	- -	- - } Mons Sinai emerged.
	33	30	- -	- - } Mons Ætna emerged.
	49	0	- -	- - } Inf. Besbicus emerged.
10	1	0	- -	- - } Mare Caspium, Eastern Limit emerged.
	5	0	- -	- - } Palus Mæotis emerged.
	10	0	- -	- - } A Penumbra observed, the Moon's Limb emerging.
	11	0	- -	- - } The Limb evidently emerged.

From the Beginning to the End of the Eclipse 3^h 44'
Totally Eclipsed — 1^h 38' 15"